## Index of Claims



Application No.

10/604,734 Examiner

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MATTSSON ET AL.

Applicant(s)

Art Unit

Lori L. Coletta

3612

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |  |  |  |  |  |  |  |
|---|--------------------------------|--|--|--|--|--|--|--|
| ÷ | Restricted                     |  |  |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
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| o | Objected |

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| Cla         |  |  |              |          | Date   | ;              |  |          |  |          |
| Final       | Original                               | 5/19/04  |              |          |  |                | •  |          |  |          |
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| 1<br>2<br>3 | 1 2 3                                  | =  |              |          |  |                |  |          |  | $\neg$   |
| 3           | 3                                      | =  |              |          |  |                |  |          |  |          |
| 4           |  | =  |              |          |  |                |  |          |  |          |
| 4<br>5      | 5                                      | =  |              |          |  |                |  |          |  |          |
| 6<br>7      | 6                                      | =  |              |          |  |                |  |          |  |          |
| 7           | 7                                      | =  |              |          |  |                |  |          |  |          |
| 8           | 8                                      | =  |              |          |  |                |  |          |  |          |
|             | 9                                      |  |              |          |  |                |  |          |  |          |
|             | 10                                     |  |              |          |  |                |  |          |  |          |
|             | 11<br>12<br>13<br>14<br>15<br>16<br>17 |  |              |          |  |                |  |          |  |          |
|             | 12                                     |  | _            |          |  |                |  |          |  |          |
|             | 13                                     |  |              |          |  |                |  |          |  | $\dashv$ |
|             | 14                                     |  |              |          |  |                |  |          | _  |          |
|             | 15                                     |  |              |          |  |                | -  |          |  |          |
| <u> </u>    | 10                                     | -  |              |          |  |                |  |          |  |          |
|             | 17                                     |  |              | _        |  |                |  |          |  |          |
|             | 18<br>19                               |  |              |          | _  | $\vdash$       |  |          | _  |          |
| -           | 20                                     |  | ├            | $\vdash$ | _  | <u> </u>       |  |          | -  |          |
| <b></b>     | 20<br>21                               |  | $\vdash$     | ┢        | -  | -              | _  |          |  | -        |
| <u> </u>    | 22                                     | $\vdash$   |              |          |  |                |  |          |  | -        |
|             | 22<br>23<br>24<br>25                   |  | <del> </del> |          |  | -              |  |          |  |          |
|             | 24                                     | <del>                                     </del> |              |          |  |                |  |          |  |          |
|             | 25                                     | Т  |              |          |  |                |  |          |  |          |
|             | l 26                                   |  |              |          |  |                |  |          |  |          |
|             | 27                                     |  |              |          |  |                |  |          |  |          |
|             | 27<br>28                               |  |              |          |  |                |  |          |  |          |
|             | 29                                     |  |              |          |  |                |  |          |  |          |
|             | 30                                     | <u> </u>   |              |          | $ldsymbol{ld}}}}}}$ |                |  |          |  |          |
|             | 31                                     | <u> </u>   | <u> </u>     |          |  |                |  |          | <u> </u>   |          |
| ļ           | 32<br>33                               | ļ  | ļ            |          |  |                | <u> </u>   | ļ        | _  |          |
| <b>├</b>    | 33                                     | <u> </u>   | _            | _        | <u> </u>   | ļ              |  | _        | <u> </u>   |          |
| -           | 34                                     | -  | $\vdash$     | -        | <u> </u>   |                | -  | <u> </u> | _  |          |
|             | 35<br>36                               | -  | <del> </del> |          |  | -              | _  | _        | -  |          |
|             | 37                                     | $\vdash$   |              | ┢        | <u> </u>   | <del> </del> - | -  | $\vdash$ |  | $\vdash$ |
|             | 37<br>38                               | -  | -            | -        |  | -              | -  | ├        |  |          |
|             | 39                                     |  | ⊢            |          |  |                | $\vdash$   | $\vdash$ |  |          |
|             | 40                                     | <del> </del>                                     | ┢            |          | <u> </u>   | $\vdash$       |  |          |  |          |
| -           | 41                                     | H  | Η-           | -        | $\vdash$   | $\vdash$       |  | $\vdash$ | <del>                                     </del> | _        |
| <u> </u>    | 42                                     | $\vdash$   | t            | $\vdash$ |  |                | <u> </u>   |          |  |          |
|             | 43                                     | T  |              | $\vdash$ |  | <u> </u>       | <b>†</b>   |          |  |          |
|             | 44                                     | <u> </u>   |              |          | $\vdash$   | T              | <del>                                     </del> |          | T  |          |
|             | 45                                     | Г  | Ī            | T        |  |                |  |          | $\vdash$   |          |
|             | 46                                     |  |              |          |  |                | L  |          |  |          |
|             | 47                                     | L  |              |          |  |                |  |          |  |          |
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|             | 50                                     |  |              |          | Γ  |                |  | Г        |  |          |

| Claim        |                            | Date     |              |              |              |              |          |              |          |          |  |
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| <u></u>      | Original                   |          |              |              |              |              |          |              |          |          |  |
| Final        | iĝi                        |          |              |              |              |              |          |              |          |          |  |
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|              | 51                         |          |              |              |              |              |          |              | $\vdash$ |          |  |
|              | 52                         | -        | _            | _            |              | -            |          |              |          |          |  |
|              | 51<br>52<br>53<br>54<br>55 |          |              |              |              |              |          |              | _        |          |  |
|              | 54                         |          | _            | $\vdash$     |              | $\vdash$     |          |              |          |          |  |
|              | 55                         |          |              | _            |              |              |          |              |          |          |  |
|              | 56                         |          |              | ļ            |              |              |          |              |          |          |  |
|              | 57<br>58                   |          |              |              |              |              |          |              |          |          |  |
|              | 58                         |          |              |              | L            | L            |          |              |          |          |  |
|              | 59                         |          |              |              |              |              |          |              |          |          |  |
| L            | 60                         |          |              |              |              |              | L        |              |          |          |  |
|              | 61                         |          | _            | _            |              |              |          |              |          |          |  |
|              | 62                         |          |              |              | L            | <u></u>      |          |              |          |          |  |
| L            | 62<br>63                   | L        | L            | L            |              | L            | L        |              |          |          |  |
|              | 64                         | L        |              |              |              |              | L        |              |          | Ĺ        |  |
|              | 65                         |          |              |              |              |              | L        |              |          |          |  |
|              | 66                         |          |              |              |              | ļ            |          |              |          |          |  |
|              | 67                         |          | _            |              |              |              |          |              |          |          |  |
|              | 68                         |          |              |              |              |              |          |              |          |          |  |
|              | 68<br>69                   |          |              |              |              |              |          |              |          |          |  |
|              | 70<br>71<br>72             |          |              |              |              |              |          |              |          |          |  |
|              | 71                         |          |              |              |              | $I^-$        |          |              |          | $\vdash$ |  |
|              | 72                         |          | <del> </del> |              | $\vdash$     |              | <u> </u> |              | $\vdash$ | $\vdash$ |  |
|              | 73                         | -        | ┢            |              |              | -            |          |              |          |          |  |
|              | 73<br>74<br>75<br>76       | -        |              | $\vdash$     | $\vdash$     | $\vdash$     | 1        | $\vdash$     | $\vdash$ | ├        |  |
|              | 75                         | 1        |              |              |              |              |          |              |          | -        |  |
|              | 76                         |          |              | H            | -            | <del> </del> |          |              |          | $\vdash$ |  |
| $\vdash$     | 77                         |          |              | ┢            |              | 1            | ┢        | <del> </del> |          |          |  |
| -            | 78                         |          |              | ┢            | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | _        |  |
| <del> </del> | 78<br>79                   |          | -            | ╁            | ├            |              | -        |              | -        |          |  |
|              | 80                         |          |              | $\vdash$     |              | <u> </u>     | -        |              |          | -        |  |
|              | 81                         |          |              |              |              |              | -        | ⊢            | ┢        |          |  |
| ļ            | 82                         |          | -            | ├            | <del> </del> | ⊢            |          |              | $\vdash$ |          |  |
|              | 02                         | -        | -            | ⊢            | $\vdash$     | ⊢            |          |              | $\vdash$ | $\vdash$ |  |
| -            | 83                         | <u> </u> | ├            | ╁            |              | ├            | <u> </u> |              |          | -        |  |
|              | 83<br>84<br>85             | $\vdash$ | $\vdash$     | $\vdash$     | ├-           | ـ            | <b> </b> |              | ├        | <u> </u> |  |
| <b></b>      | 85                         | $\vdash$ | $\vdash$     | <del> </del> | <del> </del> | ├            | <u> </u> | -            | $\vdash$ | ├        |  |
|              | 86<br>87                   | ⊢-       | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     | -        | -            | -        |          |  |
|              | 87                         | <u> </u> | <del> </del> |              | <del> </del> | ├-           | -        | <u> </u>     | $\vdash$ | $\vdash$ |  |
|              | 88                         | L_       | <u> </u>     | -            | ↓            | $\vdash$     | Ι        | <b>!</b>     | <u> </u> | <u> </u> |  |
|              | 89                         |          | _            | -            | <u> </u>     | <u> </u>     | <u> </u> |              |          | _        |  |
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| L            | 91                         | <u> </u> |              |              | <u> </u>     |              | <u> </u> |              |          |          |  |
|              | 92                         | <u> </u> | $\perp$      | <u> </u>     |              | <u> </u>     | <u> </u> | <u> </u>     |          | <u></u>  |  |
|              | 93                         | L        | <u> </u>     | <b>1</b>     | <u>L</u>     |              | <u> </u> |              |          |          |  |
|              | 94                         |          |              |              |              |              |          |              |          |          |  |
|              | 95                         |          |              |              |              |              |          | L            |          |          |  |
|              | 96                         |          |              |              |              |              |          |              |          |          |  |
|              | 97                         |          | <u> </u>     |              | Γ            | Г            |          |              |          |          |  |
|              | 98                         |          |              |              |              | Τ            |          | Γ            |          | Γ        |  |
|              | 99                         |          |              |              |              |              |          |              |          |          |  |
|              | 100                        |          | П            | Τ-           | Γ            | T            |          |              | Г        |          |  |
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| Claim    |                                 | Det-     |          |   |          |          |          |          |          |          |  |
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|          |                                 |          |          |   |          | Date     | •        | _        |          |          |  |
| Final    | Original                        |          |          |   |          |          |          |          |          |          |  |
|          | 101<br>102                      |          |          |   |          |          |          |          |          |          |  |
|          | 102                             |          |          |   |          |          |          |          |          |          |  |
|          | 103<br>104<br>105               |          | _        |   |          |          |          |          |          | T        |  |
|          | 105                             |          |          |   |          |          |          |          |          | •        |  |
|          | 106<br>107                      |          |          |   |          | _        |          |          |          |          |  |
|          | 108                             |          |          |   |          |          |          |          |          |          |  |
|          | 108<br>109                      |          |          |   |          | _        |          |          |          |          |  |
|          | 110                             |          |          |   |          | Ė        |          |          |          | $\dashv$ |  |
|          | 111<br>112                      |          |          |   |          | -        |          |          | -        |          |  |
|          | 113                             |          |          |   |          |          |          |          |          |          |  |
|          | 113<br>114<br>115               |          |          |   |          | <u> </u> | ļ        |          |          |          |  |
|          | 116<br>117                      |          |          | _ |          |          |          |          |          |          |  |
|          | 117                             |          |          |   |          | L        |          |          |          |          |  |
|          | 118<br>119                      | -        |          |   |          | -        |          |          |          | $\dashv$ |  |
|          | 120                             |          |          |   |          |          |          |          |          |          |  |
|          | 121<br>122                      |          |          |   |          | _        | _        |          |          |          |  |
|          | 122                             |          |          |   | l        | -        | <u> </u> |          |          |          |  |
|          | 124                             |          |          |   |          |          |          |          |          |          |  |
|          | 125                             | L        | L        | _ | <u> </u> | _        | _        | _        | _        | _        |  |
|          | 124<br>125<br>126<br>127<br>128 |          |          |   |          |          |          |          |          |          |  |
|          | 128                             |          |          |   |          |          |          |          |          |          |  |
|          | 129<br>130<br>131               |          |          |   |          | _        |          | <u> </u> | _        |          |  |
|          | 131                             |          | -        |   |          | -        |          |          |          |          |  |
|          | 132                             |          |          |   |          |          |          |          |          |          |  |
| <u> </u> | 133                             | -        |          |   |          |          |          |          | -        |          |  |
|          | 134<br>135                      |          |          |   | $\vdash$ | $\vdash$ | $\vdash$ |          |          | -        |  |
|          | 136                             | ļ        |          |   |          |          |          |          | <u> </u> |          |  |
|          | 137<br>138                      | $\vdash$ |          | - | _        | -        | -        | $\vdash$ |          |          |  |
|          | 139                             |          |          |   | _        |          |          |          |          |          |  |
|          | 140                             |          |          |   |          |          |          |          |          |          |  |
|          | 141                             | -        |          | - | ļ        | <b> </b> |          | -        | ┝        | H        |  |
|          | 143                             |          |          |   |          |          |          |          |          |          |  |
|          | 144                             |          |          |   |          |          |          |          | ļ        |          |  |
| <u> </u> | 145<br>146                      | _        | $\vdash$ |   |          |          | _        |          | $\vdash$ |          |  |
|          | 147                             |          |          | L |          |          |          |          | L        |          |  |
|          | 148                             |          | $\vdash$ | L |          | Ļ        |          |          | μ_       |          |  |
| <b> </b> | 149<br>150                      | $\vdash$ | $\vdash$ | - | -        |          |          | H        | -        | -        |  |
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